

DELPHION

[Log Out](#) [Work Files](#) [Saved Searches](#)

RESEARCH

PRODUCTS

INSIDE DELPHION

Select OR

Add to Work File

No active trail

My Account

Search: Quick/Number Boolean Advanced Derwent Help

Derwent Record

☒ Email this to a friendView: [Expand Details](#) Go to: [Delphion Integrated View](#)

Tools: Add to Work File:

[Create new Work File](#)[Add](#)

Derwent Title: Earth leakage detector

Original Title: ☒ KR1093015A: EARTH LEAKAGE DETECTOR

Assignee: AXCESS TECHNOLOGY KOREA CO LTD Non-standard company

Inventor: KIM Y;

Accession/Update: 2002-185941 / 200224

IPC Code: H02H 3/26 ;

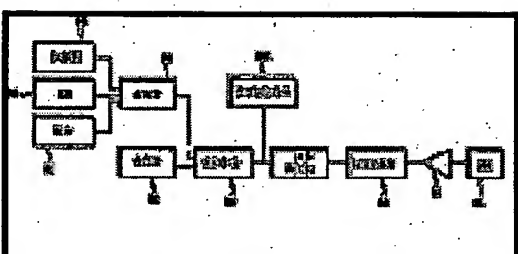
Derwent Classes: X13;

Manual Codes: X13-C01D(Difference between magnitudes or phase of voltages or currents)

Derwent Abstract:

(KR1093015A) **Novelty** - An earth leakage detector is provided to achieve an in-advance prevention against electric leakage, while recording and monitoring the data regarding power input, leakage and ambient temperature in a real-time basis.

Detailed Description - An earth leakage detector comprises a zero phase sequence current transformer(ZCT)(10) for generating current corresponding to the amount of leakage current; an analog/digital converter(30) for converting the current generated from the ZCT into a digital signal; a digital filter for eliminating the residual noise included in the converted digital signal; a main control unit(40) judging the occurrence or possibility of electric leakage by comparing the signal having no residual noise with a preset reference value; leakage control module(100) connected between the digital filter and the main control unit, and which measures and records the converted digital signal and ambient temperature; and an output unit for outputting the result judged by the main control unit. The output unit includes a buzzer(70) for generating alarm sound and a light emitting diode(LED) for displaying leakage state when the main control unit judges occurrence or possibility of electric leakage.



 Images:

Dwg. 1/10

Family:

Pdf Patent Pub. Date Derwent Update Pages Language IPC Code

☒ KR1093015A * 2001-10-27 200224 1 English H02H 3/26

Local apps.: KR2000000015815 Filed: 2000-03-28 (2000KR-0015815)

.....

Priority Number:

Application Number	Filed	Original Title
KR2000000015815	2000-03-28	WISCOUS FLUID CLEANING

Pricing Current charges

Derwent	Boolean Accession/Number Advanced
---------	---------------------------------------

Data copyright Thomson Derwent 2003

THOMSON

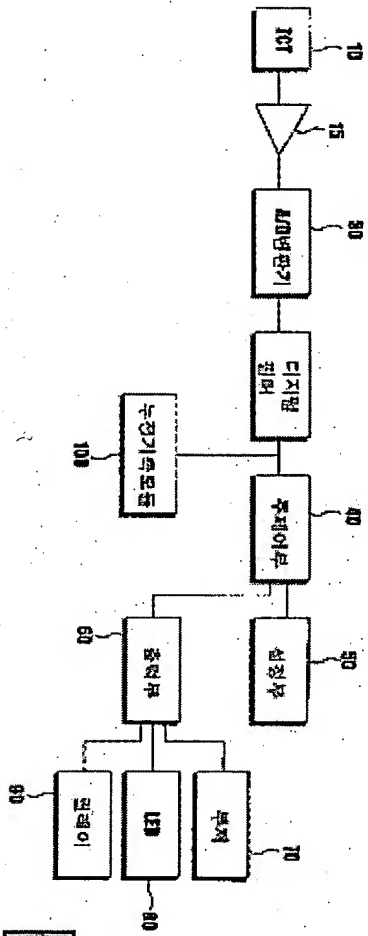
*--

Copyright © 1997-2005 The Thomson Corporation

[Subscriptions](#) | [Web Seminars](#) | [Privacy](#) | [Terms & Conditions](#) | [Site Map](#) | [Contact Us](#) | [Help](#)



1 / 1



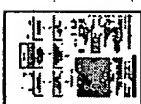
1 / 1

DELPHION

[Log Out](#) [Work Files](#) [Saved Searches](#)[My Account](#)[Search: Quick/Number Boolean Advanced Derwent](#)[Help](#)[RESEARCH](#)[PRODUCTS](#)[INSIDE DELPHION](#)[Select OR](#)[Stop Delphion](#)

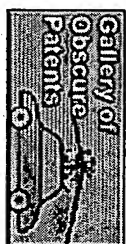
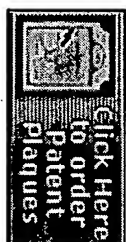
No active trail

The Delphion Integrated View: INPADOC Record

Get Now: ☒ PDF | [More choices...](#)Tools: [Add to Work File](#) | [Create new Work File](#) | [Add](#)View: Jump to: ☒ Email this to a friend**Title:** KR1093015A: EARTH LEAKAGE DETECTOR**Derwent Title:** Earth leakage detector [Derwent Record]**Country:** KR Republic of Korea**Kind:** A Examined Patent Application I**Inventor:** KIM, YUNG; Republic of Korea**Assignee:** ACCESS TECHNOLOGY KOREA CO., LTD. Republic of Korea
News, Profiles, Stocks and More about this companyHigh
Resolution**Published / Filed:** 2001-10-27 / 2000-03-28**Application Number:** KR2000000015815**IPC Code:** H02H 3/26;**ECLA Code:** None**Priority Number:** 2000-03- KR2000000015815**Family:**

PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	KR1093015A	2001-10-27	2000-03-28	EARTH LEAKAGE
1 family members shown above				

Other Abstract Info: None



[Nominate this for the Gallery...](#)

THOMSON

[Subscriptions](#) | [Web Seminars](#) | [Privacy](#) | [Terms & Conditions](#) | [Site Map](#) | [Contact Us](#) | [Help](#)

Copyright © 1997-2005 The Thomson Corporation

EARTH LEAKAGE DETECTOR

Patent number: KR2001093015
Publication date: 2001-10-27
Inventor: KIM YUNG [KR]
Applicant: AXCESS TECHNOLOGY KOREA CO LTD [KR]
Classification:
- international: H02H3/26
- european:
Application number: KR200000015815 20000328
Priority number(s): KR200000015815 20000328

Abstract not available for

Data supplied from the **esp@cenet** database - Worldwide

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.